

10/573173  
IAP20 Rec U PCT/PTO 23 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Rie KOJIMA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_0374A  
Filed March 23, 2006 :

INFORMATION RECORDING MEDIUM  
[Corresponding to PCT/JP2005/009163  
Filed May 19, 2005]

THE COMMISSIONER IS AUTHORIZED  
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ACCOUNT NO. 22-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the  
above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action  
after the filing of an RCE,

ATTACHMENT "D"

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.M./

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

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4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation (**references AO and AQ**) contained in the specification of the present application at page 1,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

EP 1172811 and U.S. Patent Publication No. 2002/24913 correspond to JP 2003-16687;

EP 1351229 and U.S. Patent Publication No. 2003/190447 correspond to JP 2003-341241;

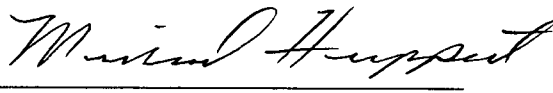
U.S. Patent Publication No. 2003/138669 corresponds to JP 2003-233931; and

EP 1132904 corresponds to JP 2584741.

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Rie KOJIMA et al.

By   
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March 23, 2006

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

ATTY DOCKET NO.  
2006\_0374ASERIAL NO.  
NEW 20060374AU.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: March 23, 2006

APPLICANT  
Rie KOJIMA et al.FILING DATE  
March 23, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002/0024913	2/2002	Kojima et al.			
	AB	2003/0190447	10/2003	Kojima et al.			
	AC	2003/0138669	7/2003	Kojima et al.			
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AE	3-121888	5/1991	JP			Abstract	
	AF	2003-16687	1/2003	JP				
	AG	1 172 811	1/2002	EP				
	AH	2003-341241	12/2003	JP				
	AI	1 351 229	10/2003	EP				
	AJ	2001-266409	9/2001	JP			Abstract	
	AK	2-147288	6/1990	JP			Abstract	
	AL	2-43088	2/1990	JP			Abstract	
	AM	1-251335	10/1989	JP			Abstract	
	AN	2003-233931	8/2003	JP				
	AO	2001-322357	11/2001	JP				
	AP	1 132 904	9/2001	EP				
	AQ	2584741	2/1997	JP				
	AR	0 355 865	2/1990	EP				
	AS	2002-293025	10/2002	JP			Abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

/Elizabeth Mulvaney/

DATE CONSIDERED

12/08/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.M./